## **CLAIM AMENDMENTS**

- 1. (currently amended) A release sheet for a pressure-sensitive adhesive sheet, which wherein the release sheet having has a monolayer structure or a laminate structure, wherein, when the release sheet has a monolayer structure, the release sheet itself, and when it has a laminate structure, a surface of at least one outermost layer of the release sheet, comprises an ethylene polymer, and wherein the ethylene polymer shows both property values of a) and b):
- a) spin-spin relaxation time ( $T_2$ ) of proton in an amorphous region of the ethylene polymer of 130-350  $\mu$ s at 30°C,
- b) a ratio of the amorphous region of the ethylene polymer, as calculated from the spin-spin relaxation time  $(T_2)$ , of 7-17%.
- 2. (original) The release sheet of claim 1, wherein the spin-spin relaxation time  $(T_2)$  of proton in the amorphous region of the ethylene polymer is 170-280  $\mu s$  at 30°C and the ratio of the amorphous region of the ethylene polymer, as calculated from the spin-spin relaxation time  $(T_2)$ , is 10-14%.
- 3. (original) The release sheet of claim 1, wherein the ethylene polymer is a copolymer of ethylene and a straight chain or branched chain  $\alpha$ -olefin having 3 to 10 carbon atoms.
- 4. (original) The release sheet of claim 3, wherein the  $\alpha$ -olefin is selected from the group consisting of 1-butene, 1-hexene and 1-octene.
- 5. (currently amended) A pressure-sensitive adhesive sheet comprising the <u>a</u> release sheet of claim 1, wherein the release sheet has a monolayer structure or a laminate structure, wherein, when the release sheet has a monolayer structure, the release sheet itself, and when it has a laminate structure, a surface of at least one outermost layer of the release sheet, comprises an ethylene polymer, and wherein the ethylene polymer shows both property values of a) and b):
- a) spin-spin relaxation time  $(T_2)$  of proton in an amorphous region of the ethylene polymer of 130-350  $\mu$ s at 30°C,
- b) a ratio of the amorphous region of the ethylene polymer, as calculated from the spin-spin relaxation time (T<sub>2</sub>), of 7-17%.



In re Appln. of Yamamoto et al. Application No. 10/007,493

- 6. (currently amended) A release sheet for a pressure-sensitive adhesive sheet, which wherein the release sheet having has a monolayer structure or a laminate structure, wherein, when the release sheet has a monolayer structure, the release sheet itself, and when it has a laminate structure, a surface of at least one outermost layer of the release sheet, comprises an ethylene polymer, and wherein the release sheet has a bearing ratio obtained by measuring the surface of the layer comprising the ethylene polymer with an atomic force microscope is of -30 to 15.
- 7. (original) The release sheet of claim 6, wherein the ethylene polymer is a copolymer of ethylene and a straight chain or branched chain  $\alpha$ -olefin having 3 to 10 carbon atoms.
- 8. (original) The release sheet of claim 7, wherein the  $\alpha$ -olefin is selected from the group consisting of 1-butene, 1-hexene and 1-octene.
- 9. (currently amended) A pressure-sensitive adhesive sheet comprising the a release sheet of claim 6, wherein the release sheet has a monolayer structure or a laminate structure, wherein, when the release sheet has a monolayer structure, the release sheet itself, and when it has a laminate structure, a surface of at least one outermost layer of the release sheet, comprises an ethylene polymer, and wherein the release sheet has a bearing ratio of -30 to 15.

